

## **Buckingham compressor station permit**

1 message

**Jennifer Abel** <jabel209@gmail.com> To: airdivision1@deq.virginia.gov

Sat, Sep 8, 2018 at 11:17 AM

I am writing to urge you <u>not</u> to grant the permit for the Atlantic Coast Pipeline compressor station that is being sought in Buckingham County. The pipeline and compressor station are hazardous to the health of local residents and all Virginians for several reasons:

-other similar pipelines have been shown to leach methane which can cause respiratory problems for people living nearby;

-methane is a much more potent greenhouse gas than carbon dioxide and will therefore increase greenhouse gas emissions for the state of Virginia, thereby negatively affecting air quality for all Virginians.

Both the Atlantic Coast and Mountain Valley pipelines have been shown to be unnecessary. The benefits of allowing construction of the ACP and the compressor station to go forward would be short-term profits for already wealthy corporations, while the negative consequences would be long-term health problems for people, wildlife, and the natural environment.

Please do the right thing and vote NO on the permit for the compressor station in Buckingham County. Current and future generations will thank you.

Thank you,

Jennifer Abel 852 S Irving St. Arlington, VA 22204 571-305-3821



## The ACP is safe and necessary

1 message

Ashby Baum <Ashby.Baum.126668344@p2a.co> Reply-To: abaum2498@gmail.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 10:02 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

Because of that exhaustive planning, the ACP is the safest way for us to get affordable, cleaner natural gas to those in our region who desperately need it.

The Buckingham Compressor Station is an integral part of the ACP project. The compressor station's "best in class" engineering design, and advanced emissions control equipment will ensure the facility will fully protect Virginia's air quality. In fact, modeling has demonstrated that the station's emissions, even when the facility is operating at its maximum, will not adversely impact Virginia's air quality. The modeling was conducted using methods approved by DEQ and has proven reliable thus far.

I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Ashby Baum 613 Farnham Ct Richmond, VA 23236



## **Buckingham Compressor Station Air Permit**

Joey Biller (greeneyes35420@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq virginia gov

Sat. Sep 8, 2018 at 8:03 PM

Dear Ann Regn,

This is beyond rediculous, when China is investing in consistent clean energy and renewables. How must we fall behind, before we change

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.
- The draft permit will require mostly self-monitoring by Dominion of air quality and emissions. It does not explain why installing further community monitoring technology is unnecessary to protect air quality and human health.
- A Quantitative Risk Assessment and Comprehensive Health Impact Assessment should be conducted to address the complex and multifaceted ways that the health of residents could be impacted by emissions from the compressor station.
- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.
- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Joey Biller 8101 Willowdale Ct Springfield, VA 22153 eyes35420@gmail.com (571) 251-0355



# The ACP is safe and necessary

1 message

James Bledsoe < James. Bledsoe. 115442201@p2a.co> Reply-To: jamesbledsoe1@comcast.net To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 5:22 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, James Bledsoe 5004 Thornspring Rd Pulaski, VA 24301



# The ACP is safe and necessary

1 message

Deborah Blizman < Deborah. Blizman. 107620455@p2a.co> Reply-To: blizmanid@gmail.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 8:30 AM

Dear Director Ann Regn,

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Sincerely, Deborah Blizman 7255 Chime Ct Mechanicsville, VA 23111



# The ACP is safe and necessary

1 message

Joseph Blizman < Joseph. Blizman. 107620455@p2a.co> Reply-To: joseph.blizman@dominionenergy.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 8:28 AM

Dear Director Ann Regn,

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Sincerely, Joseph Blizman 7255 Chime Ct Mechanicsville, VA 23111



## **Buckingham Compressor Station Air Permit**

Gordon Callahan (gcallahan@erols.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq.virginia.gov

Sat. Sep 8, 2018 at 3:36 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
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Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely,

Gordon Callahan 3110 Mountain Road Haymarket, VA 20169 gcallahan@erols.com (202) 547-0153



## **Buckingham Compressor Station Air Permit**

Michael Cantwell (more22explore@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg virginia gov

Sat. Sep 8, 2018 at 10:25 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely,

Michael Cantwell 605 Hamlet Ave, Unit H Waynesboro, VA 22980 more22explore@gmail.com (434) 227-8120



# The ACP: Safe for Buckingham County

1 message

Ronald Cash < Ronald. Cash. 109127820@p2a.co> Reply-To: ron.cash@domonionenergy.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 7:33 AM

Dear Director Ann Regn,

The Atlantic Coast Pipeline team has shown considerable responsibility in its plans for the Buckingham County Compressor Station. Although state and federal laws and regulations classify the station as a "minor" source of emissions, the ACP team has agreed to limits and control technologies that are typically required for operations with much higher levels of emissions. In fact, the Virginia Department of Environmental Quality draft air quality permit for the facility contains the most stringent emissions limits imposed on any minor or major natural gas compressor stations in the state.

The station and its operations are designed to drastically minimize emissions, making it safe for our community. Modeling has demonstrated that any emissions will be well below federal and state standards designed to protect human health. Even though these standards are not typically applied to "minor" sources of emissions like the compressor station, they will be met—and surpassed—by the Buckingham facility.

Thanks to the exhaustive review, the Atlantic Coast Pipeline is a safe, environmentally responsible pipeline project. And Virginia greatly needs the affordable natural gas it will bring to our region. Please do not stand in the way of the huge economic benefit it could have for our communities.

Regards, Ronald Cash 253 E 32nd St Buena Vista, VA 24416



## The ACP is safe and necessary

1 message

Ronald Cash < Ronald. Cash. 109127820@p2a.co> Reply-To: ron.cash@dominionenergy.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 7:34 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Ronald Cash 253 E 32nd St Buena Vista, VA 24416



# The ACP is safe and necessary

1 message

Jon Clayton <Jon.Clayton.17947408@p2a.co> Reply-To: iclayton2@elmore.rr.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 5:57 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Sincerely, Jon Clayton 20335 Savin Hill Dr Ashburn, VA 20147



# **Buckingham Compressor Station Letter**

1 message

Guy Dixon <gbdixon@kyanite.com>

Sat, Sep 8, 2018 at 4:11 PM

To: "airdivision1@deq.virginia.gov" <airdivision1@deq.virginia.gov> Cc: Guy Dixon <gbdixon@kyanite.com>

Dear Sir or Madam,

Please find attached my company's letter in support of the ACP and the compressor station planned for Buckingham County.

Don't hesitate to contact me personally if you have any questions or need any clarifications.

Best Regards,

Guy Dixon President & General Manager

## **Kyanite Mining Corporation**

30 Willis Mountain Plant Lane

Dillwyn, VA 23936

434 983-2085

434 983-4341 (fax)

guydixon@kyanite.com



Guy Dixon, President

September 4th, 2018

Virginia Department of Environmental Quality Piedmont Regional Office 4949-A Cox Road Glen Allen, VA 23060

RE: Buckingham Compressor Station

Dear Sir or Madam:

On behalf of Kyanite Mining Corporation (KMC), I appreciate this opportunity to submit our comments on the draft air quality permit for the Buckingham Compressor Station. As you know, the station is an integral part of the Atlantic Coast Pipeline, and KMC, along with many other members of the Commonwealth's business community, have strongly supported the project. We believe our state's (and our nation's) continued economic health and growth depend upon a secure, reliable and affordable supply of energy. The pipeline is a key to achieving that goal.

In addition to the significant overall benefits to the state and nation alluded to above, this pipeline will have direct and measurable positive impacts on the company that I represent . . . a company, I might add, that has been in business here in central Virginia for almost a century and here in Buckingham County for almost 70 years. These positive impacts are both economic (lower fuel costs per unit of energy used) and environmental (lower sulfur and particulate emissions per unit of production). It is a win for the efficiency of our operation and a win for the natural environment in which we operate. Additionally, I have no doubt that the pipeline will help us compete in our ever-more globally competitive marketplace, while growing our business and continuing to offer the good men and women of this area meaningful, safe and well-paying jobs.

No matter how attractive the project might be from an energy standpoint, however, my family's business could not support it if we felt it had the potential to damage Virginia's environment. Fortunately, we have no such concerns. We are impressed by the developers' commitment to protecting our natural resources. We are equally impressed with the thoroughness and dedication your department has exhibited while reviewing the ACP's environmental impacts and your

willingness to take strong steps to ensure those impacts are held to an absolute minimum. You have shown that same dedication in developing the draft air permit.

We are very pleased with the strict emissions limits included in the draft. Although the station is classified under federal and state regulations as a "minor" source of emissions, we understand that the limits included in the draft permit are much more typical of those imposed on larger facilities with much higher emissions levels. In fact, we understand that the limits in the draft permit are four to 10 times stricter than the limits in any other permit recently issued for compressor stations in Virginia. These stringent limits apply to regulated emissions ranging from nitrogen oxides to volatile organic compounds to carbon monoxide, and they will help ensure that Virginia's air remains clean and healthy even as we expand our energy infrastructure.

Additionally, we are impressed by the control technology required by the draft permit. Here again, these controls are more typical of those mandated for much larger facilities with higher levels of emissions. The systems included in the draft permit cover an impressive range from selective catalytic reduction to a vent gas recovery system designed to minimize the release of natural gas into the atmosphere. We are confident that the developers will adhere to the permit's strong requirements for air quality protection.

The Department of Environmental Quality has worked hard for many years to ensure that future generations of Virginians will have clean water and air. We applaud you for continuing that work through the terms and conditions in the Buckingham Compressor Station's draft air permit.

Lastly, Kyanite Mining Corporation thanks you for the opportunity to offer our comments on this important regulatory matter.

Sincerely,

14/1/1



## **Buckingham Compressor Station Air Permit**

Jaime Dymond (jdymond22@yahoo.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq virginia gov

Sat. Sep 8, 2018 at 9:46 PM

Dear Ann Regn,

Let's interest in solar energy!!

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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Sincerely.

Jaime Dymond 3817 Daiguiri Lane Virginia Beach, VA 23456 (757) 422-1000



## The ACP is safe and necessary

1 message

Stephen Eliot <Stephen. Eliot. 112654597@p2a.co> Reply-To: sweliot7@gmail.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 8:13 AM

Dear Director Ann Regn,

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Sincerely, Stephen Eliot 11105 Lantern Way Richmond, VA 23236



## **Buckingham Compressor Station Air Permit**

Jonathan Ely (jonely92@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq virginia gov

Sat. Sep 8, 2018 at 11:40 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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Sincerely.

Jonathan Ely 1401 Tenbury Dr Lynchburg, VA 24501 ionely92@amail.com (757) 810-1294



# The ACP is safe and necessary

1 message

Michael Ewing < Michael Ewing . 117749957@p2a.co> Reply-To: sococapt@outlook.com To: Ann Regn <airdivision1@deg.virginia.gov>

Sat, Sep 8, 2018 at 6:18 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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The Buckingham Compressor Station is an integral part of the ACP project. The compressor station's "best in class" engineering design, and advanced emissions control equipment will ensure the facility will fully protect Virginia's air quality. In fact, modeling has demonstrated that the station's emissions, even when the facility is operating at its maximum, will not adversely impact Virginia's air quality. The modeling was conducted using methods approved by DEQ and has proven reliable thus far.

I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Michael Ewing 3029 Yakima Rd Chesapeake, VA 23325



# public comment to Air Pollution Control Board on air permit for Buckingham Compressor Station

1 message

Kay Ferguson <kay@kayzap.com>

Sat, Sep 8, 2018 at 7:06 PM

To: airdivision1@deq.virginia.gov

Cc: michael.dowd@deq.virginia.gov, patrick.corbett@deq.virginia.gov

September 8, 2018

Virginia Department of Environmental Quality Piedmont Regional Office RE: Buckingham Compressor Station 4949-A Cox Rd Glen Allen, VA 23060

PERMIT NAME: Minor Source Construction Permit issued under the authority of the Air Pollution Control Board APPLICANT NAME AND REGISTRATION NUMBER: Atlantic Coast Pipeline, LLC; 21599 FACILITY NAME AND ADDRESS: ACP – Dominion Energy Buckingham Compressor Station; 5297 S. James River Hwy, Wingina, VA 24599

Dear Air Pollution Control Board Members:

I have been visiting and working with Virginians across the state for nearly two years as they attempt to defend themselves from the threats of the Mountain Valley and Atlantic Coast fracked gas pipelines.

I have been working with the community of Union Hill for over a year. I have been called an outsider by some here during this time, but offer for your consideration of the draft air permit for Dominion's proposed Atlantic Coast Pipeline compressor station in historic Union Hill that there are no outsiders to the decision before you.

You have heard detailed and fact based objections to the draft air permit, to the proposed compressor station and especially to the stark environmental racism that the siting of the proposed compressor station represents.

So I would like to pull back our camera from the details of this exact permit to examine this moment in time and the impossibility that any Virginian, American or inhabitant of planet Earth are outsiders to the devastation that will be caused if you approve this air permit and so allow the construction of the compressor station to proceed.

The community of Union Hill and the health of its residents will be slowly destroyed. The air, water and land values of every citizen of Buckingham County will be diminished. The way will open for increased fracking of the Marcellus Shale fields to our west and this will increase Virginia's loss of clean drinking water and the release of methane to our common atmosphere. The ability of ordinary Virginians to own their own land will also be damaged by the immoral use of eminent domain and the chokehold Dominion Power has on our state's democracy and our regulatory agencies will be affirmed.

Anyone who believes these consequences are within any healthy or acceptable range is delusional. Or bought.

On September 4, 2018 The Mauna Loa Observatory on the island of Hawaii read the level of carbon in our atmosphere at 406.18 parts per million. 97% of the world's scientists have warned us for years that any level above 350 parts per million will result in catastrophic climate change as trapped carbon raises the global mean temperature more than 2 degrees. To avert even some of this disaster, we must leave 80% of fossil fuel reserves in the ground.

Together the MVP and ACP fracked gas pipelines will more than double the greenhouse gas emissions for the Commonwealth of Virginia. No part of any decision or permit that supports that rise can be defended. I ask each member of the Air Control Board to read The Intergovernmental Panel on Climate Change Report of 2013 before

making their decision on this draft air permit. Because it is not outside the scope of your decision but is instead a vital consideration for your decision. <a href="http://www.ipcc.ch/report/ar5/wg1/">http://www.ipcc.ch/report/ar5/wg1/</a>

The fragmentation of the environmental regulation safety net, designed to allow for detailed examination, becomes something quite insidious in the face of corruption or more politely, of denial. It becomes a way to exhaust and silence ordinary citizens attempting to protect their health, their land, their air, their water and their lives. In the case of the proposed ACP compressor station, fragmentation of environmental permits and agencies means that there is no hope for a baseline health assessment of the Union Hill community before it is assaulted by the compressor station nor is there any single source that will evaluate the total health impacts of the ACP pipeline or the compressor station on the people making their lives here.

In this exact moment in time, the power of the states to protect their own environments is more vital than ever before as our federal government is in the hands of those busily dismantling protection on the federal level. In this exact moment in time, our state government has turned a blind and well donated eye to the rural communities of Virginia and has sold them to Dominion Power. In this exact moment in time, Virginia's Department of Environmental Quality has shown itself to be unable and unwilling to defend rural communities along the pipelines. In this moment in time compliance monitoring for the pollution levels projected and allowed by the compressor station is left almost entirely to Dominion and the consequences for non-compliance are no where defined or guaranteed. Fox. Henhouse.

It is exactly at a moment in time such as this that a citizen board like the Air Control Board is most vitally needed to do what it was designed to do, which is to be a firewall against corruption - or denial - and to act as citizens to protect their fellow Virginia citizens. I appeal to your humanity, your common sense, your political courage and independence and your sure knowing that you would not put your own child to bed at night within a mile of anything like the proposed ACP compressor station. Deny this permit.

Your fellow Virginian,

Kay Leigh Ferguson 1050 Broomley Road Charlottesville, VA 22902

cc: Mike Dowd, Patrick Corbett

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Kay Leigh Ferguson ARTivism Virginia & Water is life. Protect it. kay@kayzap.com Our Air Our Lives Public Hearing

The Air We Breathe: No ACP Compressor Station

Circle of Protection



## **Buckingham Compressor Station Air Permit**

Maria.L. Fiadeiro (luisa.flad@verizon.net) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq virginia gov

Sat. Sep 8, 2018 at 12:16 AM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.
- The draft permit will require mostly self-monitoring by Dominion of air quality and emissions. It does not explain why installing further community monitoring technology is unnecessary to protect air quality and human health
- A Quantitative Risk Assessment and Comprehensive Health Impact Assessment should be conducted to address the complex and multifaceted ways that the health of residents could be impacted by emissions from the compressor station.
- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.
- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Maria.L. Fiadeiro 10008 Spring Lake Terrace Fairfax, VA 22030 luisa.flad@verizon.net (703) 352-7937



## **Buckingham Compressor Station Air Permit**

Jessica Halpin (barksdalejessica@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg virginia gov

Sat. Sep 8, 2018 at 3:40 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Jessica Halpin 43953 Minthill Ter Ashburn, VA 20147 sica@gmail.com (703) 298-8981



## environmental justice

1 message

Sat, Sep 8, 2018 at 10:05 PM

Please deny the permit for the pipelines. Protect the health and safety of Union Hill and all Virginians. Methane is a by-product of the pipelines, and is a major contributor to climate change.

Pamela Hill

Midlothian Virginia 23112



# The ACP is safe and necessary

1 message

William Howard < William. Howard. 126679720@p2a.co> Reply-To: weh2010@hotmail.com To: Ann Regn <airdivision1@deg.virginia.gov>

Sat, Sep 8, 2018 at 4:02 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

Because of that exhaustive planning, the ACP is the safest way for us to get affordable, cleaner natural gas to those in our region who desperately need it.

The Buckingham Compressor Station is an integral part of the ACP project. The compressor station's "best in class" engineering design, and advanced emissions control equipment will ensure the facility will fully protect Virginia's air quality. In fact, modeling has demonstrated that the station's emissions, even when the facility is operating at its maximum, will not adversely impact Virginia's air quality. The modeling was conducted using methods approved by DEQ and has proven reliable thus far.

I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, William Howard 16590 Pouncey Tract Rd Rockville, VA 23146



## **Buckingham Compressor Station Air Permit**

Rose Howell (rosewhowell@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq virginia gov

Sat. Sep 8, 2018 at 8:29 PM

Dear Ann Regn,

All of the above should be investigated and hopefully you will protect human rights instead of Dominion Energy

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Rose Howell 3676 Autrey Ln Saluda, VA 23149 (804) 695-0711



# The ACP is safe and necessary

1 message

Laura Hunter <Laura.Hunter.85989731@p2a.co> Reply-To: dakota1015lh@gmail.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 11:37 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Laura Hunter 6108 Almond Creek Ln Richmond, VA 23231



## The ACP is safe and necessary

1 message

Kenneth Johnston < Kenneth. Johnston. 116355333@p2a.co> Reply-To: pk2410@outlook.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 10:41 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Sincerely, Kenneth Johnston 5305 Chestnut Bluff Terrace Midlothian, VA 23112



## DO NOT PERMIT ACP

1 message

**Sarah Keely** <sktkeely@gmail.com> To: airdivision1@deq.virginia.gov

Sat, Sep 8, 2018 at 2:55 PM

Cc: michael.dowd@deq.virginia.gov, patrick.corbett@deq.virginia.gov

I am writing to urge you <u>not</u> to grant the permit for the Atlantic Coast Pipeline compressor station that is being sought in Buckingham County. The pipeline and compressor station are hazardous to the health of local residents and all Virginians for several reasons:

-other similar pipelines have been shown to leach methane which can cause respiratory problems for people living nearby;

-methane is a much more potent greenhouse gas than carbon dioxide and will therefore increase greenhouse gas emissions for the state of Virginia, thereby negatively affecting air quality for all Virginians.

Both the Atlantic Coast and Mountain Valley pipelines have been shown to be unnecessary. The benefits of allowing construction of the ACP and the compressor station to go forward would be short-term profits for already wealthy corporations, while the negative consequences would be long-term health problems for people, wildlife, and the natural environment.

Please do the right thing and vote NO on the permit for the compressor station in Buckingham County. Current and future generations will thank you.

Thank you, Sarah Keely 1488 Autumn Ridge Circle Reston, VA 20194 703-864-5551



# Request to extend public comment period on ACP's Buckingham County proposed compressor station

1 message

Deborah Kushner <drkinva@yahoo.com>

Sat, Sep 8, 2018 at 7:01 PM

To: "DAVID.PAYLOR@DEQ.VIRGINIA.GOV" <DAVID.PAYLOR@deq.virginia.gov>, "Michael.Dowd@deq.virginia.gov" <Michael.Dowd@deq.virginia.gov>, "Tamera.Thompson@deq.virginia.gov" <Tamera.Thompson@deq.virginia.gov>, "airdivision1@deq.virginia.gov" <a href="mailto:airdivision1@deq.virginia.gov">airdivision1@deq.virginia.gov>, "airdivision1@deq.virginia.gov">airdivision1@deq.virginia.gov>, "airdivision1@deq.virginia.gov">airdivision1@deq.virginia.gov>, "airdivision1@deq.virginia.gov>, airdivision1@deq.virginia.gov>, airdivision1@deq.virginia.gov>

TO: David Paylor, DEQ Director

Michael Dowd, DEQ Director of Air Division

Tamera Thompson, Manager, Office of Air Permitting

I write the DEQ to ask for an extension of the public comment period for the proposed Atlantic Coast Pipeline compressor station in Buckingham County. Given the immense impact this project would have on the area, in addition to the immense quantity of technical information that was only recently received by the public to review, an extension is necessary.

The public was only given details of the compressor station's impact on air quality a few weeks ago. Where much of the county, particularly in the area around the proposed station is rural, low income and without broadband internet, and where there is a significant elder population, more time is needed, since much information is only available online. The one and only information session was held on August 16, where much was learned. Many, many more questions and concerns need to be addressed.

This neighborhood is being asked to bear a huge burden of air and noise pollution if this compressor station is built. They should be afforded more opportunity to learn about it, the consequences it will have on them and have input into safeguards this station should have as well as monitoring of pollutants and noise.

Sincerely, Deborah Kushner Nelson County, VA



# The ACP is safe and necessary

1 message

Dale Linn <Dale.Linn.33994633@p2a.co> Reply-To: daleathome@comcast.net To: Ann Regn <airdivision1@deq.virginia.gov> Sat, Sep 8, 2018 at 3:40 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Dale Linn 269 Trinity Terrace Martinsville, VA 24112



# The ACP is safe and necessary

1 message

Barbara Lizana <Barbara.Lizana.112633211@p2a.co> Reply-To: barjacbar@yahoo.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 7:47 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Sincerely, Barbara Lizana 1341 Eagle Ave Virginia Beach, VA 23453



## **Buckingham Compressor Station Air Permit**

April Luttman (apeyluttman@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq virginia gov

Sat. Sep 8, 2018 at 3:11 AM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

April Luttman 2508 Eastside Hwy Crimora, VA 24431 apevluttman@gmail.com (540) 471-3663



# The ACP: Safe for Buckingham County

1 message

Ajit Mandgi <Ajit.Mandgi.87659465@p2a.co> Reply-To: ajit mandqi@hotmail.com To: Ann Regn <airdivision1@deq.virginia.gov> Sat, Sep 8, 2018 at 5:28 AM

Dear Director Ann Regn,

The Atlantic Coast Pipeline team has shown considerable responsibility in its plans for the Buckingham County Compressor Station. Although state and federal laws and regulations classify the station as a "minor" source of emissions, the ACP team has agreed to limits and control technologies that are typically required for operations with much higher levels of emissions. In fact, the Virginia Department of Environmental Quality draft air quality permit for the facility contains the most stringent emissions limits imposed on any minor or major natural gas compressor stations in the state.

The station and its operations are designed to drastically minimize emissions, making it safe for our community. Modeling has demonstrated that any emissions will be well below federal and state standards designed to protect human health. Even though these standards are not typically applied to "minor" sources of emissions like the compressor station, they will be met—and surpassed—by the Buckingham facility.

Thanks to the exhaustive review, the Atlantic Coast Pipeline is a safe, environmentally responsible pipeline project. And Virginia greatly needs the affordable natural gas it will bring to our region. Please do not stand in the way of the huge economic benefit it could have for our communities.

Regards, Ajit Mandgi 2701 Robson Ct Richmond, VA 23233



# **Buckingham**

1 message

**Margaret M** <2931marmc@gmail.com> To: airdivision1@deq.virginia.gov Sat, Sep 8, 2018 at 3:59 AM

Pleasr no compressor

Margaret McMullen



## **Buckingham Compressor Station Air Permit**

Kim Melcher (kimberleymelcher@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg.virginia.gov

Sat. Sep 8, 2018 at 10:51 PM

Dear Ann Regn,

Please stop killing us - solar, hydro, wind are the alternatives

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.
- The draft permit will require mostly self-monitoring by Dominion of air quality and emissions. It does not explain why installing further community monitoring technology is unnecessary to protect air quality and human health.
- A Quantitative Risk Assessment and Comprehensive Health Impact Assessment should be conducted to address the complex and multifaceted ways that the health of residents could be impacted by emissions from the compressor station.
- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.
- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Kim Melcher 1207 junction canal Charlotte ch, VA 23923 kimberleymelcher@gmail.com (434) 547-6531



## **Buckingham Compressor Station Air Permit**

Christopher Mitchell (clmitchell8@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg virginia.gov

Sat. Sep 8, 2018 at 10:51 AM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

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Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Christopher Mitchell 911 poplar ave Chesapeake, VA 23323 clmitchell8@gmail.com (757) 276-7678



# The ACP is safe and necessary

1 message

Carolyn Morrison < Carolyn. Morrison. 107621364@p2a.co> Reply-To: c.morr@icloud.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 8:29 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

Because of that exhaustive planning, the ACP is the safest way for us to get affordable, cleaner natural gas to those in our region who desperately need it.

The Buckingham Compressor Station is an integral part of the ACP project. The compressor station's "best in class" engineering design, and advanced emissions control equipment will ensure the facility will fully protect Virginia's air quality. In fact, modeling has demonstrated that the station's emissions, even when the facility is operating at its maximum, will not adversely impact Virginia's air quality. The modeling was conducted using methods approved by DEQ and has proven reliable thus far.

I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Carolyn Morrison 519 Coalbrook Dr Midlothian, VA 23114



## The ACP is safe and necessary

1 message

Marc Morrison < Marc. Morrison. 51477619@p2a.co> Reply-To: mmorr@buggs.net To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 5:59 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Sincerely, Marc Morrison 1940 Hwy Nine O Three Bracey, VA 23919



## The ACP is safe and necessary

1 message

Jeff Mosher < Jeff. Mosher. 115252031@p2a.co> Reply-To: jeff.mosher@dom.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 9:36 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Sincerely, Jeff Mosher 7711 Karem St Richmond, VA 23294



## The ACP: Safe for Buckingham County

1 message

Pam Mulcahy <Pam.Mulcahy.107779595@p2a.co> Reply-To: prmulcahy@verizon.net To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 10:44 AM

Dear Director Ann Regn,

The Atlantic Coast Pipeline team has shown considerable responsibility in its plans for the Buckingham County Compressor Station. Although state and federal laws and regulations classify the station as a "minor" source of emissions, the ACP team has agreed to limits and control technologies that are typically required for operations with much higher levels of emissions. In fact, the Virginia Department of Environmental Quality draft air quality permit for the facility contains the most stringent emissions limits imposed on any minor or major natural gas compressor stations in the state.

The station and its operations are designed to drastically minimize emissions, making it safe for our community. Modeling has demonstrated that any emissions will be well below federal and state standards designed to protect human health. Even though these standards are not typically applied to "minor" sources of emissions like the compressor station, they will be met—and surpassed—by the Buckingham facility.

Thanks to the exhaustive review, the Atlantic Coast Pipeline is a safe, environmentally responsible pipeline project. And Virginia greatly needs the affordable natural gas it will bring to our region. Please do not stand in the way of the huge economic benefit it could have for our communities.

Regards, Pam Mulcahy 1509 West Ave Richmond, VA 23220



## The ACP: Safe for Buckingham County

1 message

Patsi Myers <Patsi.Myers.115356496@p2a.co> Reply-To: cadyldy@comcast.net To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 1:44 PM

Dear Director Ann Regn,

The Atlantic Coast Pipeline team has shown considerable responsibility in its plans for the Buckingham County Compressor Station. Although state and federal laws and regulations classify the station as a "minor" source of emissions, the ACP team has agreed to limits and control technologies that are typically required for operations with much higher levels of emissions. In fact, the Virginia Department of Environmental Quality draft air quality permit for the facility contains the most stringent emissions limits imposed on any minor or major natural gas compressor stations in the state.

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Thanks to the exhaustive review, the Atlantic Coast Pipeline is a safe, environmentally responsible pipeline project. And Virginia greatly needs the affordable natural gas it will bring to our region. Please do not stand in the way of the huge economic benefit it could have for our communities.

Regards, Patsi Myers 677 Gloria Pl Staunton, VA 24401



## The ACP is safe and necessary

1 message

RichardW Nicely <RichardW.Nicely.50552300@p2a.co> Reply-To: nicelyrw@juno.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 9:57 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, RichardW Nicely 6504 Feather Edge Court Spotsylvania Courthouse, VA 22553



#### **Buckingham Compressor Station Air Permit**

Sharliena Novogradac (nsgirl95@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq.virginia.gov

Sat. Sep 8, 2018 at 4:02 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.
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- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.
- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Sharliena Novogradac 513 monticello circle LAKE OF WOODS, VA 22508 (540) 412-5624



#### **Buckingham Compressor Station Air Permit**

Lisa Orlando (Iorlando55@yahoo.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg virginia.gov

Sat. Sep 8, 2018 at 10:49 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Lisa Orlando 277 Racefield Dr Toano, VA 23168 lorlando55@vahoo.com (757) 775-5517



#### **Buckingham Compressor Station Air Permit**

Michelle Rhodes (rhodes.pac@hotmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq.virginia.gov

Sat. Sep 8, 2018 at 1:42 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely,

Michelle Rhodes 601 Pembroke Ave, Apt 702 Norfolk, VA 23507 rhodes.pac@hotmail.com (443) 497-3357



#### **Buckingham Compressor Station Air Permit**

Erika Riordan (daisyduke6801@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deq.virginia.gov

Sat. Sep 8, 2018 at 6:40 PM

Dear Ann Regn,

I strongly oppose this

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Erika Riordan 670 Spooner rd Virginia Beach, VA 23462 syduke6801@gmail.com (757) 717-4761



#### **Buckingham Compressor Station Air Permit**

Christopher Sawyer (sawyerchristopher@hotmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg virginia.gov

Sat. Sep 8, 2018 at 3:26 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Christopher Sawyer 2218 High Bush Circle Glen Allen, VA 23060 stopher@hotmail.com (804) 303-6329



### The ACP is safe and necessary

1 message

Scott Seaton <Scott.Seaton.116102685@p2a.co> Reply-To: pnh1@yahoo.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 4:30 PM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Scott Seaton 25 Wellington PI Waynesboro, VA 22980



# The ACP is safe and necessary

1 message

Beatrice Shirley <Beatrice.Shirley.56570584@p2a.co> Reply-To: beatriceshirley3@gmail.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 5:41 PM

Dear Director Ann Regn,

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Sincerely, **Beatrice Shirley** 12318 Glade Dr Fredericksburg, VA 22407



## The ACP is safe and necessary

1 message

Joseph Sizemore < Joseph. Sizemore. 11656696@p2a.co> Reply-To: ghornet3632@gmail.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 9:36 PM

Dear Director Ann Regn,

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Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Joseph Sizemore 1350 Degas Ln Christiansburg, VA 24073



## The ACP is safe and necessary

1 message

Betty Smith <Betty.Smith.86261566@p2a.co> Reply-To: betty smith1@comcast.net To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 9:55 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

Because of that exhaustive planning, the ACP is the safest way for us to get affordable, cleaner natural gas to those in our region who desperately need it.

The Buckingham Compressor Station is an integral part of the ACP project. The compressor station's "best in class" engineering design, and advanced emissions control equipment will ensure the facility will fully protect Virginia's air quality. In fact, modeling has demonstrated that the station's emissions, even when the facility is operating at its maximum, will not adversely impact Virginia's air quality. The modeling was conducted using methods approved by DEQ and has proven reliable thus far.

I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, Betty Smith 1407 Franklin Ave Altavista, VA 24517



## Extend Comment Period for the Buckingham Compressor Air Permit

1 message

Elizabeth Stevens <writetoeliz@gmail.com> Reply-To: writetoeliz@gmail.com To: airdivision1@deq.virginia.gov

Sat, Sep 8, 2018 at 9:52 AM

The concept of "tzedek" comes from the Jewish faith tradition, calling for justice and equity among all people. The vision of tzedek is one of environmental justice and clean and safe air for all to breathe. The proposed Atlantic Coast Pipeline (ACP) compressor station violates this concept as it would expose residents in Union Hill and Buckingham County to leaking pollutants such as methane gas, formaldehyde, benzene, arsenic, uranium and additional toxic volatile organic compounds (VOCs).

This 54,000+ horsepower compressor station is one of the largest that Dominion has ever built and the largest in Virginia, further endangering health of residents and increasing risk and vulnerability. Having clean air is a fundamental human right and is especially vital for children and the elderly, some of the most vulnerable to the negative impacts of inhaling pollutants.

Many of the world's major faith traditions have a mandate to care for the Earth. By doing so, we care for each other. I submit this comment with love to express my solidarity with the community of Buckingham and their health and safety concerns stemming from the construction and operation of this massive compressor station.

I urge the VA State Air Pollution Control Board and the Department of Environmental Quality (DEQ) to extend the 30-day comment period to at least 60 days, to ensure meaningful participation by impacted populations in permitting and monitoring, and to immediately complete a thorough Quantitative Risk Assessment (QRA) and a Comprehensive Health Impact Assessment (CHIA) prior to any future permitting.

I further urge the VA State Air Pollution Control Board and the DEQ to abide by the principles of environmental justice as the compressor station is proposed to be sited in Buckingham County's historic Union Hill, an 85% African American community. It is unacceptable that our society continues to disproportionately burden the poor and people of color with increased levels of dangerous air pollution.

Being unable to take a deep breath of clean air to pray or meditate at the many nearby religious sites such as Union Hill and Union Grove Churches and the LOTUS Temple, one of the many sacred places in Satchidananda Ashram Yogaville, is an egregious violation of humanity.

The risks to our sacred gift of air posed by Dominion's proposed ACP compressor station are simply too high.

Ms. Elizabeth Stevens 612 N Main St Gordonsville, VA 22942 540-223-3164



#### **Buckingham Compressor Station Air Permit**

Caley Sturgill (sircaley@yahoo.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg.virginia.gov

Sat. Sep 8, 2018 at 2:55 PM

Dear Ann Regn,

This is absolutely unnecessary. We have plenty of resources already. We've gotten by just fine for this long. Why risk the integrity of the most beautiful land in Virginia? It is an absolute shame.

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be
- The draft permit will require mostly self-monitoring by Dominion of air quality and emissions. It does not explain why installing further community monitoring technology is unnecessary to protect air quality and human health.
- A Quantitative Risk Assessment and Comprehensive Health Impact Assessment should be conducted to address the complex and multifaceted ways that the health of residents could be impacted by emissions from the compressor station.
- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.
- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely,

Caley Sturgill 2212 Stuart Ave Richmond, VA 23220 (540) 761-0430



## The ACP is safe and necessary

1 message

J Thomas < J. Thomas . 14383100@p2a.co> Reply-To: r40x@hormail.com To: Ann Regn <airdivision1@deg.virginia.gov> Sat, Sep 8, 2018 at 10:41 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

Because of that exhaustive planning, the ACP is the safest way for us to get affordable, cleaner natural gas to those in our region who desperately need it.

The Buckingham Compressor Station is an integral part of the ACP project. The compressor station's "best in class" engineering design, and advanced emissions control equipment will ensure the facility will fully protect Virginia's air quality. In fact, modeling has demonstrated that the station's emissions, even when the facility is operating at its maximum, will not adversely impact Virginia's air quality. The modeling was conducted using methods approved by DEQ and has proven reliable thus far.

I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, J Thomas 39 Sinton Rd Newport News, VA 23601



## **Buckingham compressor station permit**

1 message

Bob Tripp <br/>
<br/>
berkeleybob50@gmail.com> To: airdivision1@deq.virginia.gov

Sat, Sep 8, 2018 at 2:18 PM

We strongly urge you *not* to grant the permit for the Atlantic Coast Pipeline compressor station that is being sought in Buckingham County. The pipeline and compressor station are hazardous to the health of local residents and all Virginians for several reasons:

- --other similar pipelines have been shown to leach methane which can cause respiratory problems for people living nearby;
- --methane is a much more potent greenhouse gas than carbon dioxide and will therefore increase greenhouse gas emissions for the state of Virginia, thereby negatively affecting air quality for all Virginians.

There is compelling evidence that the Atlantic Coast and Mountain Valley pipelines are unnecessary. The benefits of allowing construction of the ACP and the compressor station to go forward would be short-term profits for already wealthy corporations, while the negative consequences would be longterm health problems for people, wildlife, and the natural environment.

Please vote NO on the permit for the compressor station in Buckingham County. Current and future generations will thank you.

With hope for your climate-friendly decision,

**Bob and Mary Tripp** 1704 Lake Shore Crest Dr., #16 Reston, VA 20190 703-742-0929



### **Buckingham Compressor Station-Air Permit**

1 message

**David Tripp** <a href="mailto:dbtripp@gmail.com">dbtripp@gmail.com</a> To: airdivision1@deq.virginia.gov Sat, Sep 8, 2018 at 10:52 AM

I am writing to ask the State Air Pollution Control Board NOT to grant a permit for the Buckingham Compressor Station. The compressor station would be unsafe, there have been many accidents at compressor stations at other locations. It would release pollutants into the air, reducing the air quality in the Buckingham County area. It would also support a pipeline that would unnecessarily support and encourage more fossil fuel burning. We need to be putting our resources into developing renewable energy resources not into new pipelines.

So once again please DO NOT approve the permit for the Buckingham Compressor Station.

Sincerly, David Tripp 852 S. Irving St. Arlington, VA 22204 703-798-2310



#### **Buckingham Compressor Station Air Permit**

Crystal West (cryswe11@yahoo.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg.virginia.gov

Sat. Sep 8, 2018 at 3:43 PM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

- In the analysis of the draft permit, the Virginia Department of Environmental Quality states, based on a 2017 evaluation, that the proposed site for the compressor station is "sparsely populated". However, research done by community groups indicates that this is absolutely not true and that there are hundreds of Virginians living close to the site.
- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.
- The draft permit will require mostly self-monitoring by Dominion of air quality and emissions. It does not explain why installing further community monitoring technology is unnecessary to protect air quality and human health
- A Quantitative Risk Assessment and Comprehensive Health Impact Assessment should be conducted to address the complex and multifaceted ways that the health of residents could be impacted by emissions from the compressor station.
- No mention of how air quality emergencies will impact the community or be mitigated is included in the draft permit.
- While greenhouse gas emissions are briefly mentioned, there is no analysis of how measures established in the draft permit will ensure that air quality and human health will be protected from climate change impacts.

Virginians rely on the expertise of public officials like those on the Air Board to ensure their health and environment is protected. It is imperative that the deficiencies noted above are addressed so that the comprehensive impacts on air quality and the health of Virginians can be adequately considered and addressed before a permit is issued.

For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Crystal West 11 Ridgecrest Drive Hampton, VA 23666 (757) 224-2142



#### **Buckingham Compressor Station Air Permit**

Deborah Western (westerndeborah@gmail.com) Sent You a Personal Message <automail@knowwho.com> To: airdivision1@deg.virginia.gov

Sat. Sep 8, 2018 at 9:19 AM

Dear Ann Regn,

I am writing to request that you deny the Stationary Source Permit to Construct and Operate Dominion Energy's proposed Buckingham fracked-gas compressor station as it is inadequate to protect the air quality and public health of Virginians. The permit is particularly inadequate to protect the Virginians in the Union Hill and overall Buckingham County communities that will be most directly impacted by the compressor station's operation.

A compressor station of this scale is unprecedented in Virginia. The proposed compressor station would be the largest in Virginia's history. Despite this, the draft permit does not contain sufficient analysis of impacts on the community and how impacts will be mitigated. The draft permit does not sufficiently explain how the compressor station will impact the community or why the standards and methodologies it relies on to analyze impacts are enough to protect human health.

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- Some residents live as close as half a mile from the proposed compressor station site. Evidence shows people living near compressor stations have suffered from symptoms ranging from rashes to gastrointestinal, respiratory, neurological and psychological problems. The draft permit does not explain how the air quality and health of these especially vulnerable residents will be protected over time from harmful air emissions.
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For these reasons, I respectfully request that the Air Board deny Dominion's permit for the Buckingham Compressor Station.

Sincerely.

Deborah Western 10302 Warren Rd Glen Allen, VA 23060 westerndeborah@gmail.com (804) 298-5145



## The ACP is safe and necessary

1 message

kyle wright <kyle.wright.125569552@p2a.co> Reply-To: wkyle30@gmail.com To: Ann Regn <airdivision1@deq.virginia.gov>

Sat, Sep 8, 2018 at 10:05 AM

Dear Director Ann Regn,

Doing the right thing for our communities, our economy, and our environment is a balancing act. That's why a project as important as the Atlantic Coast Pipeline isn't built overnight. Rather, this project has gone through more than three years of careful planning and thorough scrutiny from agencies and organizations at every level.

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I believe that the stringency of the air quality permit that the ACP project has already passed will keep our community safe—while still allowing us to move forward with producing cleaner and more affordable American energy.

Accordingly, in the case of the recent discussions by the State Water Control Board regarding the state's use of the Army Corps of Engineers Nationwide Permit 12, I believe revisiting the existing process would be a mistake.

Our state's environment and our business climate have prospered from a consistent, predictable regulatory climate and from federal and state partnerships to allow scarce regulatory resources to be put to optimal use. There is no need to change the current approach.

Sincerely, kyle wright 2730 Red Root Ridge Rd Raven, VA 24639



# Comment for the Air Permit for the Compressor station (CS) in Buckingham

1 message

Mindy Zlotnick <mindyzlotnick@gmail.com>

Sat, Sep 8, 2018 at 9:40 PM

To: airdivision1@deq.virginia.gov, michael.dowd@deq.virginia.gov, patrick.corbett@deq.virginia.gov

#### To whom it may concern;

First and foremost I would like to request an extension of the comment period for another 30 days. With this short time to review very technical complicated material it is hard to understand and comment in such a short time. Any mistakes in evaluation here in this letter is probably because of the short time I had to understand. Thank you for your consideration.

I live about 5 miles as the crow flies (or as the air blows) from the proposed CS. I am concerned fr the air quality of my neighbors and of my own.

I was at the 8/16 Q&A at which time we were told that DEQ is requiring a walk though daily. I would like to make sure that this is written into the permit and there is a walk through daily at the very least.

I am concerned that the clean air we have now in Buckingham will be affected by the material being released into the air by the CS. I understand that the material will be a level allowed by law, but would like to know the difference between what we have and what will be. No baseline testing in this area has been done, at least from what I understood on 8/16. Measurements were taken from other places and do not reflect what we have here in terms of quality.'

Some residents live as close as half a mile from the proposed BCS site, where the impact of "blow downs" is particularly acute. A 2017 report conducted by Physicians for Social Responsibility found that people living near compressor stations have suffered from a variety of symptoms "ranging from skin rashes to gastrointestinal, respiratory, neurological and psychological problems". The draft permit does not explain how the air quality and health of these especially vulnerable residents, many of whom already suffer from chronic health problems, will be protected over time from harmful air emissions. While expected emissions may be lower compared to some other compressor stations or a standard deemed adequate by law, there is risk that without further analysis, these Virginians' air quality is at serious, unacceptable risk.

### More specifically:

- DEQ did not apply the best available control technology ("BACT") requirement correctly because neither ACP nor DEQ ensured that the nitrogen oxide emission limit set in the draft permit achieved the maximum reduction feasible. The currently proposed reduction in nitrogen oxide emissions is 58%, but more significant emissions reductions are achievable and cost effective.
- Limiting nitrogen oxide pollution is essential for human health. According to the EPA, breathing air with a high concentration of nitrogen oxides can cause irritation in the human respiratory system. Nitrogen dioxide—along with other nitrogen oxides—react with chemicals in the air to form particulate matter and ozone. Both of these are also harmful to the human respiratory system.
- Longer-term exposures to elevated concentrations of nitrogen oxides may contribute to the development of asthma and can increase a person's susceptibility to respiratory infections. People with asthma, as well as children and the elderly, are generally at greater risk for these health effects.
- DEQ should require ACP to continuously monitor nitrogen oxide emissions from the compressor turbines. This is necessary to ensure ACP is complying with the nitrogen oxide emissions limits at all operating periods. The currently proposed stack testing is not sufficient to ensure compliance with the draft permit conditions.
- DEQ did not ensure compliance with 9VAC 5-80-1180 because it relied on flawed ambient air quality modeling. The flaws in the modeling include a failure to use the highest allowable emissions rates, failure to account for emissions in very cold conditions when nitrogen oxide rates are expected to increase significantly, and understating emissions during startup and shutdown. Therefore, DEQ did not ensure the compressor station could operate without preventing or interfering with the attainment or maintenance of any applicable ambient air quality standard and without causing or exacerbating a violation of any applicable ambient air quality standard.
- It is important for DEQ to set appropriate, enforceable one-hour limits in the permit. Short-term exposure to high concentrations of nitrogen oxides are especially harmful to people with chronic respiratory conditions. Such exposures

over short periods tend to aggravate respiratory diseases, particularly asthma, leading to often severe respiratory symptoms.

- ACP has not shown that the amount of toxic pollution emissions from the compressor will not cause or contribute to the endangerment of human health because ACP's modeling for formaldehyde and hexane emissions is flawed. Therefore, DEQ cannot, based on the information ACP provided, ensure that the compressor station will not cause, or contribute to, the endangerment of human health. According to the EPA, "formaldehyde can cause irritation of the skin, eyes, nose, and throat. High levels of exposure may cause some types of cancers."
- DEQ should impose an ammonia limit in the permit for the compressor turbines. Currently, no such limit exists.

I understnad that you can not change the law. But you can change your mind. This is a moral decision that will affect the lives of many people throughout Buckingham County and beyond.

Thank you for not giving a permit to ACP for this Compressor Station Mindy Zlotnick